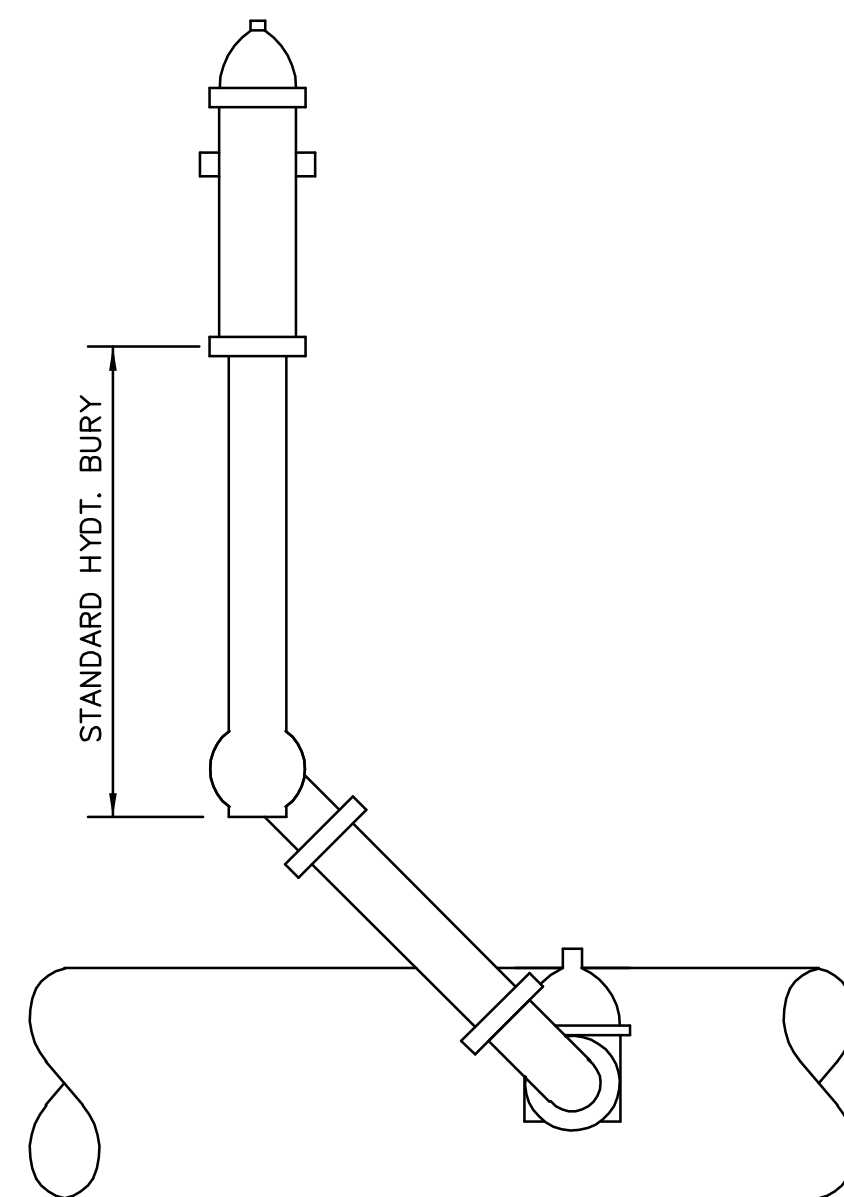


**PLAN VIEW**  
NO SCALE



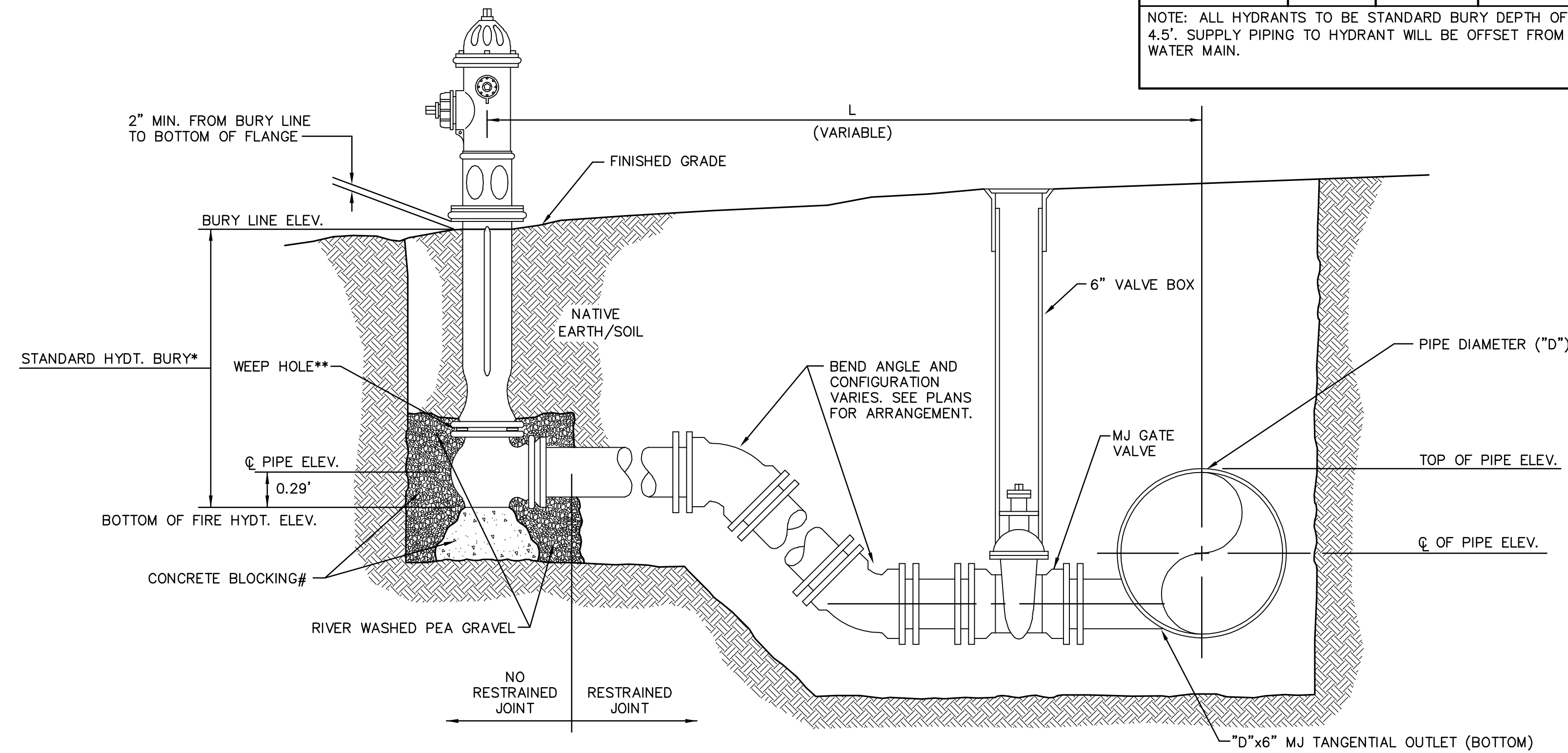
(center outlet shown could be tan. bot. or top)  
**SECTION AA**  
NO SCALE

**SWING JOINT HYDRANT DETAIL**

**MATERIALS LIST**

- 1-MJ TANGENTIAL OUTLET ("D"x 6") (BOTTOM)
- 2-6" BEND DI CL MJ (REFER TO PLANS FOR BEND)
- 2-6" DI CL PIPE (LENGTH VARIABLE)
- 1-6" MJ GATE VALVE W/VALVE BOX
- 1-6" DI CL MJ ANCHOR COUPLING (LENGTH VARIABLE)
- 1-FIRE HYDRANT
- CONCRETE BLOCKING (AS NEEDED)

FIRE HYDRANTS REQUIRED			
STATION	BURY LINE ELEVATION	TOP OF PIPE ELEVATION	FIRE HYDRANT BURY REQUIRED*
23+17.00, MAIN 1	118.9	107.0	4.5'
66+52.00, MAIN 1	118.6	105.0	4.5'
73+95.00, MAIN 1	118.1	108.0	4.5'
NOTE: ALL HYDRANTS TO BE STANDARD BURY DEPTH OF 4.5'. SUPPLY PIPING TO HYDRANT WILL BE OFFSET FROM WATER MAIN.			



- \*\* CAUTION! WEEP HOLES TO BE KEPT CLEAR DURING CONSTRUCTION AND BACKFILL. CONCRETE FOR THRUST BLOCKING SHALL NOT OBSTRUCT WEEP HOLES.
- # CONCRETE THRUST BLOCKING SHALL BE KEPT CLEAR OF BOLTS, NUTS, AND MJ ACCESSORIES.
- \* IF HYDRANT BURY IS IN EXCESS OF 5', CONTRACTOR SHALL USE STANDARD 5' HYDRANT BURY AND HYDRANT BARREL EXTENSIONS AS NECESSARY.

**FIRE HYDRANT ASSEMBLY**

**MKEC**  
ENGINEERING  
CONSULTANTS, INC.

411 N. WEBB ROAD  
WICHITA, K.S. 67206  
316 - 684 - 9600

**36" WATER MAIN IN DOUGLAS FROM McCOMAS TO FLORA**  
PROJECT NAME

**WATER DETAILS**  
**FIRE HYDRANT ASSEMBLY**  
SHEET TITLE

**BDM** DESIGN BY: **BDM** DRAWN BY: **SCU** CHECKED BY:

**JULY 2006** DATE: **05703\_CD4** DRAWING NAME: **4 / 23** SHEET / OF